

## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/444,818	11/22/1999	STEVEN DEARMOND CURTIN	10 9132	
75	90 06/13/20	))2		
RYAN MASC			EXAMINER	
90 FOREST AV LOCUST VAL	ENUE LEY, NY 11560		MIRZA, ADNAN M	
			ART UNIT	PAPER NUMBER
			2152	
			DATE MAILED: 06/13/2002	!

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary  Examiner  Art Unit  Adnan M Mirza  2152  The MAILING DATE of this communication appears on the cover sheet with the correspondence address  Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM  THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).  - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).			<i>Y</i>				
Examiner Adnan M Mirza  - The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ② MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Exercitive of time may be setables under the positions of 3° CFR 1.156(a). In ro event, however, may a reply be timely filled If the period from the part of the positions of 3° CFR 1.156(a). In ro event, however, may a reply be timely filled If the period from the part of the positions of 3° CFR 1.156(a). In ro event, however, may a reply be timely filled If the period from phy spocified above, the maintening period will apply and will equally SC (0) MON This from the realing late of the 1.  If the period for ringly as pecified above, the maintening period will apply and will equally SC (0) MON This from the realing late of the 1.  Any reply received by the Office litted han there medial after the mailing date of the communication, even if timely filled, may reduce any search patent term adjustment. Sea 3° CFR 1.704(b).  Status  1)② Responsive to communication(s) filled on 22 November 1999.  2a)□ This action is FINAL. 2b)② This action is non-final.  3)□ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)② Claim(s) 1-23 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5)□ Claim(s) are subject to restriction and/or election requirement.  Application Papers  9)□ The specification is objected to by the Examiner.  10)② The drawing(s) filled on size withdrawn from consideration of the promoted drawing correction filled on is: as □ accepted or b)② objected to by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  11)□ The proposed drawing correction filled on is: as □ app		Application No.	Applicant(s)				
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- The MALING DATE of this communication appears on the cover sheet with the correspondence address — Period for Repty  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MALING DATE OF THIS COMMUNICATION.  Escalazione from my be available under the provisione of 3 CFR 1.38(a), in no event, however, may a reply be timely filled by the period for myly appellade above the test man thing (80) days, a reply within the statutory minimum of hinty (30) days with the considered timely.  If the period for myly appellade bove the test man thing (80) days, a reply within the statutory minimum of hinty (30) days with the considered timely.  If the period for myly appellade bove the test man thing (80) days, a reply with the statutory minimum of hinty (30) days with the considered timely.  If the period for myly appellade to the first man thinty (80) days, a reply within the statutory minimum of hinty (30) days with the considered firmley.  If the period for myly appellade the man thinty (80) days, a reply with the statutory minimum of hinty (30) days with the considered firmley.  If the period for myly appellade the man thinty (80) days, and the statutory minimum of hinty (30) days with the consideration.  Responsive to communication(s) filled on 22 November 1999.  Status    Name   Sea	Onice Action Summary						
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<sup> </sup>Art Unit: 2152

## DETAILED ACTION

## Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claim1,12 & 23 rejected under 35 U.S.C. 103(a) as being unpatentable over Mackintosh et al (U.S. 6,317,784) and in view of Cluts (U.S. 5,616,876).

As per claims 1,12 & 23 Mackintosh disclosed a method of providing information to a user, the method comprising the steps of: storing identification information extracted from a current broadcast which is being presented in a perceptible form to a user, in response to a command from the user (col. 6, lines 1-20), wherein the identification information specifies sufficient information to identify at least one deliverable information item associated with the broadcast (col. 3, lines 1-16);

However Mackintosh failed to disclose a delivering at least a portion of the extracted information over a network to a server which processes the delivered information to identify the at least one deliverable information item associated with the broadcast. In the same field of endeavor Cluts disclosed a delivering at least a portion of the extracted information over a network to a server which processes the delivered information to identify the at least one deliverable information item associated with the broadcast (col. 15, lines 14-25 & col. 6, lines 1-10).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to have incorporated a delivery of extracted information over a network to a server and to Application/Control Number: 09/444,818

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identify at least one delivered information as taught by cluts in the method Mackintosh to reduce the latency and make the method more versatile.

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- 3. As per claims 2 & 13 Mackintosh disclosed wherein the current broadcast comprises a particular piece of music (col. 2, lines 50-54).
- 4. As per claims 3 & 14 Mackintosh disclosed wherein the deliverable information item associated with the broadcast comprises a compilation which includes the piece of music (col.2, lines 50-54).
- 5. As per claims 4 & 15 Cluts disclosed wherein the deliverable information item comprises a disk-based storage medium having the piece of music stored thereon (col. 7, lines 2-13).
- 6. As per claims 5 & 16 Cluts disclosed wherein the deliverable information item comprises a downloadable file containing the piece of music (col.3, lines 19-24 & lines 60-64).
- 7. As per claims 6 & 17 Cluts disclosed wherein the identification information comprises at least one of an artist, a title, an album name, a label identifier, a source identifier, a date, and a time associated with the current broadcast of the piece of music (col. 4, lines 46-51 & col. 15, lines 14-25).
- 8. As per claims 7 & 18 Mackintosh disclosed wherein the identification information is extracted from a compressed digital audio bitstream associated with current broadcast (col. 6, lines 5-15).
- 9. As per claims 8 & 19 Mackintosh disclosed wherein identification information is automatically extracted and stored for a plurality of distinct broadcasts upon entry of a corresponding user command (col. 5, lines 40-60).

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10. As per claims 9 & 20 Mackintosh disclosed wherein the extracted identification information is stored in a memory of a receiver which receives the current broadcast (col. 5, lines 39-60).

- 11. As per claims 10 & 21 Mackintosh disclosed wherein the extracted identification information is stored in a removable memory device associated with a receiver which receives the broadcast (col. 7, lines 2-13), and wherein the removable memory device is removed from the receiver and inserted into another device which establishes a network connection for delivery of the identification information to the server (col. 7, lines 14-27).
- 12. As per claims 11 & 22 Mackintosh disclosed wherein the extracted identification information is delivered to the server over a network connection established over the Internet (col. 9, lines 43-60).

## Conclusion

- 13. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (703)-305-4633.
- 14. The examiner can normally be reached on Monday to Friday during normal business hours.
- 15. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Rinehart can be reached on (703)-305-4815. The fax for this group is (703)-746-7239.

<sup>^</sup> Art Unit: 2152

16. The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

(703)-746-7239 (For Status Inquiries, Informal or Draft Communications, please label "PROPOSED" or "DRAFT");

(703)-746-7239 (For Official Communications Intended for entry, please mark "EXPEDITED PROCEDURE"), 703)-746-7238 (For After Final Communications).

17. Any Inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)-305-3900.

Any response to a final action should be mailed to:

**BOX AF** 

Commissioner of Patents and Trademarks Washington, D.C.20231

Or faxed to:

Hand-delivered responses should be brought to 4<sup>th</sup> Floor Receptionist, Crystal Park II, 2021 Crystal Drive, Arlington, VA 22202.

AM

MEHMET B. GECKIL PRIMARY EXAMINER

Adnan Mirza

Examiner

Art Unit 2152

Meht Grill